

Appl. No. 10/671,626
Amendment dated: November 23, 2005
Reply to OA of: August 23, 2005

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1(cancelled).

2(original). A fluorescent display device wherein light is emitted by impinging a low speed electron beam on a phosphor layer formed on an anode, wherein the phosphor layer comprises a compound containing at least one of P, K and Na and a compound containing W.

3(cancelled).

4(original). A fluorescent display device wherein light is emitted by impinging a low speed electron beam on a phosphor layer formed on an anode, wherein the phosphor layer comprises a compound selected from the group consisting of K_3PO_4 , P_2O_5 and Na_2SiO_3 , the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor layer, and another compound containing W.

5(currently amended). The device of ~~one of claims 1 to 4~~ claims 2 or 4, wherein the phosphor layer is a compound containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, a ZnO:Zn phosphor, $Ln_2O_2S:Re$ [()], wherein Ln is La, Gd or Lu; and Re is Eu or Tb[()], $ZnGa_2O_4$ and $ZnGa_2O_4:Mn$.

6(currently amended). A phosphor paste comprising:
a phosphor containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, ZnO:Zn, $Ln_2O_2S:Re$ [()] wherein Ln is La, Gd or Lu; and Re is Eu or Tb[()], $ZnGa_2O_4$ and $ZnGa_2O_4:Mn$; and

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a compound containing at least one selected from the group consisting of K_3PO_4 , P_2O_5 and Na_2SiO_3 , wherein the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor.

7(currently amended). A phosphor paste comprising:
a phosphor containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, $ZnO:Zn$, $Ln_2O_2S:Re_1$ [()], wherein Ln is La, Gd or Lu; and Re is Eu or Tb[()], $ZnGa_2O_4$ and $ZnGa_2O_4:Mn$;
a compound containing at least one selected from the group consisting of K_3PO_4 , P_2O_5 and Na_2SiO_3 , wherein the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor; and
another compound containing W.

8(new). A phosphor paste comprising:
a phosphor;
a first compound containing at least one of P, K and Na; and
a second compound containing W.

9(new). The phosphor paste of claim 8, wherein the first compound is selected from the group consisting of K_3PO_4 , P_2O_5 and Na_2SiO_3 , the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor.